Appl. No. 10/043,390
Amendment and/or Reply
to the Office Action of **19 April 2005**

Page 3 of 11

1. Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) A method of attacking a screening algorithm, the method comprising the steps of:

transforming content to manipulate a watermark within the content;

subjecting the content to a screening algorithm; and

transforming the content to reverse any manipulation performed on a watermark in the content during the first transforming step.

2. (Original) The method of attacking a screening algorithm as recited in claim 1 further comprising the step of adding a pseudo-random sequence to the content during the first transforming step.

3. (Original) The method of attacking a screening algorithm as recited in claim 2 further comprising the step of removing the pseudo-random sequence added to the content during the first transforming step.

4. (Original) The method of attacking a screening algorithm as recited in claim 1 further comprising the step of removing a watermark from the content.

5. (Original) The method of attacking a screening algorithm as recited in claim 1 wherein the screening algorithm comprises a Secure Digital Music Initiative screening algorithm.

Atty. Docket No. **US 010511**

Appl. No. 10/043,390
Amendment and/or Reply
to the Office Action of 19 April 2005

Page 4 of 11

6. (Original) The method of attacking a screening algorithm as recited in claim 1 wherein the screening algorithm screens the content for a watermark.

7. (Original) The method of attacking a screening algorithm as recited in claim 1 further comprising the step of admitting the content to a secure domain after subjecting the content to the screening algorithm, when no watermark is detected.

8. (Original) The method of attacking a screening algorithm as recited in claim 1 further comprising the step of manipulating the watermark by reversing all sections of the content.

9. (Original) The method of attacking a screening algorithm as recited in claim 1 wherein the first and second transforming steps are performed in the same transformation device.

10. (Original) An apparatus for attacking a screening algorithm comprising:

a processing device having a processor coupled to a memory, the processing device being operative to transform content to be downloaded to manipulate a watermark embedded in the content, wherein the content is subjected to a screening algorithm, the memory storing the content when the content passes through the screening algorithm.

11. (Original) The apparatus for attacking a screening algorithm as recited in claim 10 wherein the processing device removes the watermark embedded in the content.

12. (Original) The apparatus for attacking a screening algorithm as recited in claim 10 wherein the processing device comprises a digital signal processor.

Atty. Docket No. US 010511

Appl. No. 10/043,390
Amendment and/or Reply
to the Office Action of **19 April 2005**

Page 5 of 11

13. (Original) An article of manufacture for attacking a screening algorithm, the article comprising a machine readable medium containing one or more programs which when executed implement the steps of:

transforming content to manipulate a watermark within the content;

subjecting the content to a screening algorithm; and

transforming the content to reverse any manipulation performed on a watermark in the content during the first transforming step.

14. (Original) The article of manufacture for attacking a screening algorithm as recited in claim 13 further comprising the step of adding a pseudo-random sequence to the content during the first transforming step.

15. (Original) The article of manufacture for attacking a screening algorithm as recited in claim 13 wherein the first and second transforming steps are performed in respective first and second transformation devices.

16. (Original) The article of manufacture for attacking a screening algorithm as recited in claim 13 further comprising the step of removing a watermark from the content.

17. (Original) The article of manufacture for attacking a screening algorithm as recited in claim 13 wherein the screening algorithm screens the content for a watermark.

18. (Original) The article of manufacture for attacking a screening algorithm as recited in claim 13 further comprising the step of admitting the content to a secure domain after subjecting the content to the screening algorithm, when no watermark is detected.

Atty. Docket No. **US 010511**

Appl. No. 10/043,390
Amendment and/or Reply
to the Office Action of 19 April 2005

Page 6 of 11

19. (Original) The article of manufacture for attacking a screening algorithm as recited in claim 13 further comprising the step of writing downloaded content to a user device.

20. (Original) The article of manufacture for attacking a screening algorithm as recited in claim 13 further comprising the step of swapping the most and least significant bytes in a 16-bit sample.

Atty. Docket No. **US 010511**